

## **Acoustic streaming with resonance gas oscillations in a cylindrical tube**

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### **Abstract**

Acoustic streaming accompanying acoustic resonance oscillations of gas in a tube is considered. The effect of both the Prandtl number and the wall loss on the velocity of acoustic streaming in a viscous heat-conducting medium is investigated. Expressions for the longitudinal and transverse components of the flow velocity are obtained. © 2001 MAIK "Nauka/Interperiodica".

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